Student Assessment: Diversity in the Living Marine Resource [KEY]

Match the word or concept in the left column below with the best response on the right. Write the letter of the most appropriate answer on the line at left.

1. _G__ The _____ has only one entrance to its body. It uses the same opening for taking in food as for getting rid of waste.

2. _I__ A school of rockfish are able to move together very well with the aid of a(n) _____.

3. _J__ Organ systems in different animals often provide for a similar need but with a differing _____.

4. _A__ Attached to the inside the walls of a hollow exoskeleton is where the muscles of the _____ are found.

5. _B__ The surf perch can get dissolved oxygen directly from the sea using a _____.

6. _F__ Bones and muscles are structures that work together to create _____.

A. Dungeness crab

B. gill structure

C. eyespot

D. clam

E. fossil record

F. movement

G. jellyfish

H. cartilage skeleton

I. lateral line

J. structure

Answer the questions below by writing your answers on the lines provided for you.

7. A sea star uses hundreds of tiny tube feet for what purposes? ***It uses its tube feet for locomotion, sensing the environment, and clamping down on a rock for protection***.

8. What are some of the functions that organ systems provide for in marine animals? ***Organ systems provide for essential life functions such as getting oxygen to cells, capturing and digesting nutrients, and sensing the environment.***

9. Because complex structures appear only in more recent fossil records many scientists believe that ***advanced marine animals evolved later in time (more recently) than those having simpler structures.***

10. How is a sea lion less well adapted to living in the water than a surf perch? ***The sea lion must come back to the surface to get oxygen while the surf perch can stay in the water.***